

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Nathans and Smallwood  
Parent Serial No. 09/490,714  
Parent Filing Date January 25, 2000  
Serial No.: Not Yet Assigned  
Filed: October 20, 2003  
Title: FIBROBLAST GROWTH FACTOR HOMOLOGOUS FACTORS (FHF's)  
AND METHODS OF USE

Art Unit: Not Yet Assigned  
Examiner: Not Yet Assigned

**Mail Stop PATENT APPLICATION**

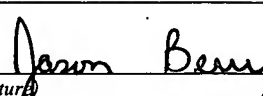
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 § CFR 1.97, Applicants bring to the Examiner's attention the related parent patent application, U.S. Serial No. 09/490,714, filed January 25, 2000, which is relied upon for an earlier filing date under 35 USC § 120. For the convenience of the Examiner, copies of the PTO Forms 892 and 1449 are enclosed.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

<b>CERTIFICATION UNDER 37 CFR §1.10</b> "EXPRESS MAIL" Mailing Label Number: <b><u>EV 318 739 991 US</u></b> Date of Deposit: <b><u>October 20, 2003</u></b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
JASON BERRY (Name of Person Mailing Paper)	
 (Signature)	October 20, 2003 (Date)

In re Application of:  
Nathans and Smallwood  
Application No.: Not Yet Assigned  
Filed: October 20, 2003  
Page 2

PATENT  
Attorney Docket No.: JHU1380-2

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed prior to the receipt of a first office action on the merits of the above-captioned application. However, if any fee is required, authorization is hereby given to charge any fees associated with the filings submitted herewith, or credit any overpayment to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: October 20, 2003



Lisa A. Haile, J.D., Ph.D.

Registration No.: 38,347

Telephone: (858) 677-1456

Facsimile: (858) 677-1465

**USPTO CUSTOMER NUMBER 28213**  
GRAY CARY WARE & FREIDENRICH LLP  
4365 Executive Drive, Suite 1100  
San Diego, CA 92121-2133

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	<b>Docket No.</b> JHU1380-1	<b>Serial No.:</b> 09/490,714
	<b>Applicant(s):</b> Nathans and Smallwood	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> January 25, 2000	<b>Group Art Unit:</b> 1646

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (YES/NO)
PAO		WO 95/24414	14.09.95	PCT	—		
PAO		WO 96/35708	14.11.96	PCT	—		
PAO		WO 96/39506	12.12.96	PCT	—		
PAO		WO 96/35716	14.11.96	PCT	—		
PAO		WO 96/39509	12.12.96	PCT	—		
PAO		WO 98/39436	11.09.98	PCT	—		
PAO		WO 97/35007	25.09.97	PCT	—		

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

PAO		GENESEQ DATABASE ENTRY T47723; ACCESSION NO.: T47723, 12 August 1997, XP002134645
PAO		Smallwood et al., "Fibroblast growth factor (FGF) homologous factors: New members of the FGF family implicated in nervous system development," <i>Proc. Natl. Acad. Sci. USA</i> 93:9850-9857 (September 1996)

<b>EXAMINER</b>  PATRICIA A. DUFFY	<b>DATE CONSIDERED</b>  2/21/02
--	---------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

NOTICE OF REFERENCES CITED		081705,245		1645		PAPER NUMBER		15						
		APPLICANT(S) Nathans et al.												
U.S. PATENT DOCUMENTS														
•	A	DOCUMENT NO.						DATE	NAME	CLASS	SUB- CLASS	FILING DATE, IF APPROPRIATE		
		5	7	7	3	2	5	2	June 30, 1998	Greene et al.	—		June 5, 1998	
	B													
	C													
	D													
	E													
	F													
	G													
	H													
	I													
	J													
	K													
FOREIGN PATENT DOCUMENTS														
•	L	DOCUMENT NO.						DATE	COUNTRY	NAME	CLASS	SUB- CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
	L													
	M													
	N													
	O													
	P													
	Q													
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)														
R	Boehringer Mannheim Biochemicals, 1991 Catalog, page 557													
S	Stratagene, 1991 Product Catalog, page 66													
T	Gibco BRL Catalogue + Reference Guide, page 292													
U	New England Biolabs, Catalog 1986/87 pages 60-62													
EXAMINER									DATE					
PATRICIA A. DUFFY									30 Nov 98					
* A copy of this reference is not being furnished with this office action. (See Manual of Patent Examining Procedure, section 707.05 (a).)														

<b>Notice of References Cited</b>	Application No. 09/440,714	Applicant(s) Nathans et al.	
	Examiner Duff	Group Art Unit 1645	Page <u>1</u> of <u>1</u>

**U.S. PATENT DOCUMENTS**

*	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,817,485	10/6/98	Hu et al.		
B	5,773,252	6/30/98	Greene et al.		
C	5,872,224	2/16/99	Nathans et al.		
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

**FOREIGN PATENT DOCUMENTS**

*	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

**NON-PATENT DOCUMENTS**

*	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
XU	Parry et al., FEBS LETTERS 349:23-28	1994
XV	Florkiewicz et al., Journal of Cellular Physiology, 162:388-399	1995
W		
X		

\* A copy of this reference is not being furnished with this Office action.  
(See Manual of Patent Examining Procedure, Section 707.05(a).)

**Notice of References Cited**Application No.  
**08/705,245**Applicant(s)  
**Jeremy Nathans And Phillip M. Smallwood**Examiner  
**Susan Pellegrino**Group Art Unit  
**1817**

Page 1 of 1

**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

**NON-PATENT DOCUMENTS**

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U	K. Ray and J.D. Robishaw, Cloning and sequencing of a rat heart cDNA encoding a G-protein B subunit related to the human retinal B3 subunit, Gene 149:337-340	1994
V		
W		
X		

<b>Notice of References Cited</b>				Application No. <b>08/705,245</b>		Applicant(s) <b>Nathans et al.</b>	
				Examiner <b>J. G. Krikorian</b>		Group Art Unit <b>1818</b>	

U.S. PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	NAME		CLASS	SUBCLASS
A						
B						
C						
D						
E						
F						
G						
H						
I						
J						
K						
L						
M						

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

NON-PATENT DOCUMENTS		
	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U	Bradbury et al. (1991) Proc. Natl. Acad. Sci. 88: 3353-3357	1991
V	Smallwood et al. (Sept., 1996) Proc. Natl. Acad. Sci. 93: 9850-9857.	1996
W	Patry et al. (1994) FEBS Lett. 349: 23-28.	1994
X	Riley et al. (1993) Development 118: 95-104.	1993

**Notice of References Cited**Application No.  
**08/705,245**Applicant(s)  
**Nathans et al.**Examiner  
**J. G. Krikorian**Group Art Unit  
**1818**

Page 2 of 2

**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
P						
Q						
R						
S						
T						

**NON-PATENT DOCUMENTS**

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
U	Florkiewicz et al. (1995) J. Cell. Physiol. 162: 388-399.	1995
V	Pizette et al. (1991) Cell Growth Diff. 2: 561-566.	1991
W		
X		